

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/831,951A

CRF Processing Date: 2/14/2002
 Edited by: [Signature]
 Verified by: [Signature] (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was wrapped down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: Seq 3 - inserted amino acid res.

***Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.**



OIPE

RAW SEQUENCE LISTING

DATE: 02/14/2002

PATENT APPLICATION: US/09/831,951A

TIME: 20:29:24

Input Set : N:\Crf3\02072002\I831951A.raw

Output Set: N:\CRF3\02142002\I831951A.raw

```

1 <110> APPLICANT: SUNTORY LIMITED
2 <120> TITLE OF INVENTION: Inhibitor and Activator of Coupling Factor-6 and
3   Antigen thereto
4 <130> FILE REFERENCE: YCT-515
C--> 5 <140> CURRENT APPLICATION NUMBER: US/09/831,951A
6 <141> CURRENT FILING DATE: 2001-05-16
7 <150> PRIOR APPLICATION NUMBER: JPA 264687/99
8 <151> PRIOR FILING DATE: 1999-09-17
9 <160> NUMBER OF SEQ ID NOS: 24
11 <210> SEQ ID NO: 1
12 <211> LENGTH: 76
13 <212> TYPE: PRT
14 <213> ORGANISM: Human
15 <400> SEQUENCE: 1
16   Asn Lys Glu Leu Asp Pro Ile Gln Lys Leu
17       1           5           10
18   Phe Val Asp Lys Ile Arg Glu Tyr Lys Ser
19               15           20
20   Lys Arg Gln Thr Ser Gly Gly Pro Val Asp
21               25           30
22   Ala Ser Ser Glu Tyr Gln Gln Glu Leu Glu
23               35           40
24   Arg Glu Leu Phe Lys Leu Lys Gln Met Phe
25               45           50
26   Gly Asn Ala Asp Met Asn Thr Phe Pro Thr
27               55           60
28   Phe Lys Phe Glu Asp Pro Lys Phe Glu Val
29               65           70
30   Leu Glu Lys Pro Gln Ala
31               75
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 76
35 <212> TYPE: PRT
36 <213> ORGANISM: Rat
37 <400> SEQUENCE: 2
38   Asn Lys Glu Leu Asp Pro Val Gln Lys Leu
39       1           5           10
40   Phe Leu Asp Lys Ile Arg Glu Tyr Lys Ala
41               15           20
42   Lys Arg Leu Ala Ser Gly Gly Pro Val Asp
43               25           30
44   Thr Gly Pro Glu Tyr Gln Gln Glu Val Asp
45               35           40

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46      Arg Glu Leu Phe Lys Leu Lys Gln Met Tyr
47                      45                      50
48      Gly Lys Gly Glu Met Asp Lys Phe Pro Thr
49                      55                      60
50      Phe Asn Phe Glu Asp Pro Lys Phe Glu Val
51                      65                      70
52      Leu Asp Lys Pro Gln Ser
53                      75

```

55 <210> SEQ ID NO: 3

56 <211> LENGTH: 5

57 <212> TYPE: PRT

58 <213> ORGANISM: Unknown

59 <220> FEATURE:

W--> 60 <221> NAME/KEY:

61 <222> LOCATION:

62 <223> OTHER INFORMATION: Enterokinase recognition site

63 <400> SEQUENCE: 3

64 Asp Asp Asp Asp Lys

65 1 5

67 <210> SEQ ID NO: 4

68 <211> LENGTH: 139

69 <212> TYPE: PRT

70 <213> ORGANISM: E. coli

71 <400> SEQUENCE: 4

72 Thr Met Ile Thr Asp Ser Leu Ala Val Val Leu Gln Arg Arg Asp

73 1 5 10 15

74 Trp Glu Asn Pro Gly Val Thr Gln Leu Asn Arg Leu Ala Ala His

75 20 25 30

76 Pro Pro Phe Ala Ser Trp Arg Asn Ser Glu Glu Ala Arg Thr Asp

77 35 40 45

78 Arg Pro Ser Gln Gln Leu Arg Ser Leu Asn Gly Glu Trp Arg Phe

79 50 55 60

80 Ala Trp Phe Pro Ala Pro Glu Ala Val Pro Glu Ser Leu Leu Glu

81 65 70 75

82 Ser Asp Leu Pro Glu Ala Asp Thr Val Val Pro Ser Asn Trp

83 80 85 90

84 Gln Met His Gly Tyr Asp Ala Pro Ile Tyr Thr Asn Val Thr Tyr

85 95 100 105

86 Pro Ile Thr Val Asn Pro Pro Phe Val Pro Thr Glu Asn Pro Thr

87 110 115 120

88 Gly Ser Tyr Ser Leu Thr Phe Asn Val Asp Glu Ser Trp Leu Gln

89 125 130 135

90 Glu Gly Gln Thr

92 <210> SEQ ID NO: 5

93 <211> LENGTH: 97

94 <212> TYPE: PRT

95 <213> ORGANISM: E. coli

96 <400> SEQUENCE: 5

97 Thr Met Ile Thr Asp Ser Leu Ala Val Val Leu Gln Arg Arg Asp

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98      1      5      10      15
99      Trp Glu Asn Pro Gly Val Thr Gln Leu Asn Arg Leu Ala Ala His
100      20      25      30
101      Pro Pro Phe Ala Ser Trp Arg Asn Ser Asp Asp Ala Arg Thr Asp
102      35      40      45
103      Arg Pro Ser Gln Gln Leu Arg Ser Leu Asn Gly Glu Trp Arg Phe
104      50      55      60
105      Ala Trp Phe Pro Ala Pro Glu Ala Val Pro Asp Ser Leu Leu Asp
106      65      70      75
107      Ser Asp Leu Pro Glu Ala Asp Thr Val Val Val Pro Ser Asn Trp
108      80      85      90
109      Gln Met His Gly Tyr Asp Ala
110      95
112 <210> SEQ ID NO: 6
113 <211> LENGTH: 23
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
W--> 117 <221> NAME/KEY:
118 <222> LOCATION:
119 <223> OTHER INFORMATION: Primer used in PCR method
120 <400> SEQUENCE: 6
121      atgactgttc agaggatctt cag 23
123 <210> SEQ ID NO: 7
124 <211> LENGTH: 27
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
W--> 128 <221> NAME/KEY:
129 <222> LOCATION:
130 <223> OTHER INFORMATION: Primer used in PCR method
131 <400> SEQUENCE: 7
132      gtcgactcag gactgggggtt tgtcgag 27
134 <210> SEQ ID NO: 8
135 <211> LENGTH: 23
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
W--> 139 <221> NAME/KEY:
140 <222> LOCATION:
141 <223> OTHER INFORMATION: Primer used in PCR method
142 <400> SEQUENCE: 8
143      atgattcttc agaggctctt cag 23
145 <210> SEQ ID NO: 9
146 <211> LENGTH: 28
147 <212> TYPE: DNA
148 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
W--> 150 <221> NAME/KEY:

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Input Set : N:\Crf3\02072002\I831951A.raw

Output Set: N:\CRF3\02142002\I831951A.raw

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151 <222> LOCATION:
152 <223> OTHER INFORMATION: Primer used in PCR method
153 <400> SEQUENCE: 9
154      gtcgactcag gcctgggggtt tttcgatg                28
156 <210> SEQ ID NO: 10
157 <211> LENGTH: 45
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
W--> 161 <221> NAME/KEY:
162 <222> LOCATION:
163 <223> OTHER INFORMATION: Gene coding for enterokinase recognition site and Eco
164      RI recognition
165      site
166 <400> SEQUENCE: 10
167      gaattcgacg atgacgataa gaataaggaa cttgatcctg tacag        45
169 <210> SEQ ID NO: 11
170 <211> LENGTH: 46
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
W--> 174 <221> NAME/KEY:
175 <222> LOCATION:
176 <223> OTHER INFORMATION: Gene coding for enterokinase recognition site and Eco
177      RI recognition
178      site
179 <400> SEQUENCE: 11
180      gaattcgacg atgacgataa gaataaggaa cttgatccta tacaga        46
182 <210> SEQ ID NO: 12
183 <211> LENGTH: 20
184 <212> TYPE: PRT
185 <213> ORGANISM: rat
186 <400> SEQUENCE: 12
187      Cys Phe Pro Thr Phe Asn Phe Glu Asp Pro Lys Phe Glu Val Leu
188          1           5           10           15
189      Asp Lys Pro Gln Ser
190          20
192 <210> SEQ ID NO: 13
193 <211> LENGTH: 20
194 <212> TYPE: PRT
195 <213> ORGANISM: rat
196 <400> SEQUENCE: 13
197      Tyr Phe Pro Thr Phe Asn Phe Glu Asp Pro Lys Phe Glu Val Leu
198          1           5           10           15
199      Asp Lys Pro Gln Ser
200          20
202 <210> SEQ ID NO: 14
203 <211> LENGTH: 19
204 <212> TYPE: PRT

```

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Input Set : N:\CrF3\02072002\I831951A.raw

Output Set: N:\CRF3\02142002\I831951A.raw

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205 <213> ORGANISM: human
206 <400> SEQUENCE: 14
207   Cys Leu Phe Val Asp Lys Ile Arg Glu Tyr Lys Ser Lys Arg Gln
208       1                   5                   10                   15
209   Thr Ser Gly Gly
211 <210> SEQ ID NO: 15
212 <211> LENGTH: 18
213 <212> TYPE: PRT
214 <213> ORGANISM: human
215 <400> SEQUENCE: 15
216   Leu Phe Val Asp Lys Ile Arg Glu Tyr Lys Ser Lys Arg Gln Thr
217       1                   5                   10                   15
218   Ser Gly Gly
220 <210> SEQ ID NO: 16
221 <211> LENGTH: 39
222 <212> TYPE: PRT
223 <213> ORGANISM: rat
224 <400> SEQUENCE: 16
225   Asn Lys Glu Leu Asp Pro Val Gln Lys Leu Phe Leu Asp Lys Ile
226       1                   5                   10                   15
227   Arg Glu Tyr Lys Ala Lys Arg Leu Ala Ser Gly Gly Pro Val Asp
228       20                   25                   30
229   Thr Gly Pro Glu Tyr Gln Gln Glu Val
230       35
232 <210> SEQ ID NO: 17
233 <211> LENGTH: 16
234 <212> TYPE: PRT
235 <213> ORGANISM: rat
236 <400> SEQUENCE: 17
237   Asp Arg Glu Leu Phe Lys Leu Lys Gln Met Tyr Gly Lys Gly Glu
238       1                   5                   10                   15
239   Met
241 <210> SEQ ID NO: 18
242 <211> LENGTH: 9
243 <212> TYPE: PRT
244 <213> ORGANISM: rat
245 <400> SEQUENCE: 18
246   Asp Lys Phe Pro Thr Phe Asn Phe Glu
247       1                   5
249 <210> SEQ ID NO: 19
250 <211> LENGTH: 7
251 <212> TYPE: PRT
252 <213> ORGANISM: rat
253 <400> SEQUENCE: 19
254   Asp Pro Lys Phe Glu Val Leu
255       1                   5
257 <210> SEQ ID NO: 20
258 <211> LENGTH: 5
259 <212> TYPE: PRT

```

VERIFICATION SUMMARY

DATE: 02/14/2002

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TIME: 20:29:25

Input Set : N:\Crf3\02072002\I831951A.raw

Output Set: N:\CRF3\02142002\I831951A.raw

L:5 M:270 C: Current Application Number differs, Wrong Format
L:60 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:117 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:128 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7
L:139 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:150 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9
L:161 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10
L:174 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11
L:270 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:21
L:281 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:22
L:292 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:23
L:303 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:24